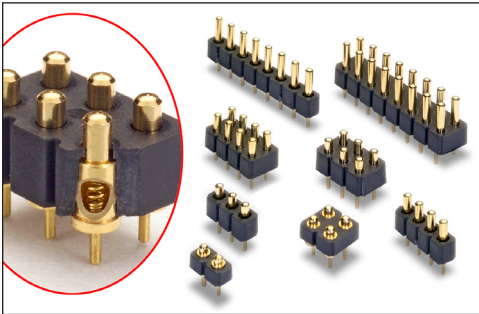


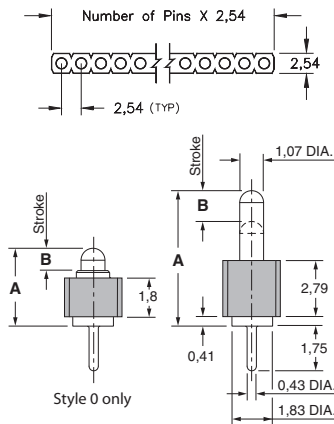
SPRING-LOADED CONNECTORS

SERIES 821 & 823 • 2,54 GRID THROUGH-HOLE MOUNT • SINGLE AND DOUBLE ROW STRIPS

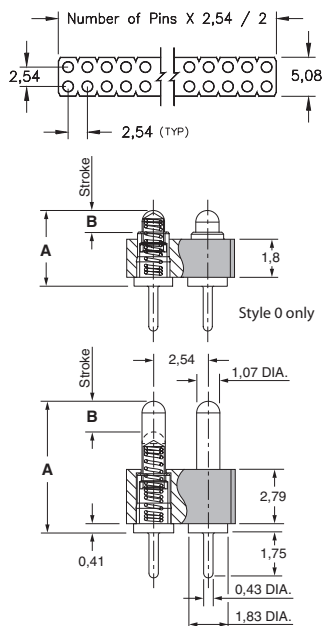


- Modular contacts for use on 2,54 grid, available in five heights from 3,48 to 5,99, supplied in single and double row contact strips
- Precision-machined piston / base and gold-plated components assure up to 1,000,000 cycle life durability
- Pistons have a long stroke relative to the low profile of the assembly
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak
- High temperature thermoplastic insulators are suitable for surface mount processes
- Both 821 & 823 series contact strips are designed for manual placement into $\varnothing 0,56 \pm 0,08$ plated through-holes in the circuit board prior to hand, wave or reflow soldering

SINGLE ROW Series 821



DOUBLE ROW Series 823



ORDERING INFORMATION

Single Row Series 821

821-22-0XX-10-00X101

Specify number of contacts 02-64

Specify contact style 0-4

Double Row Series 823

823-22-0XX-10-00X101

Specify number of contacts 04-72

Specify contact style 0-4

CONTACT STYLE	INITIAL HEIGHT A	MAX. STROKE B
0	3,48	0,99
1	4,50	1,14
2	5,0	1,39
3	5,51	1,39
4	5,99	1,39

Technical Specifications

Materials:

Contact piston & base: Machined copper alloy plated 0,51 μm gold over 2,54 μm nickel
 Spring: Beryllium copper-plated 0,25 μm gold
 Insulator: High temperature thermoplastic, rated UL94 V-0

Mechanical:

Spring force @ initial height (A): 25 grams
 Spring force @ mid stroke (B/2): 60 grams
 Durability: Up to 1,000,000 cycles

Electrical:

Voltage rating: 100Vrms/150Vdc
 Current rating: 2A (continuous), 3A (peak) per contact
 Contact resistance: 20m Ω max.
 Insulation resistance: 10,000M Ω min.
 Dielectric strength: 700Vrms min.
 Capacitance: 1pF max.

RoHS-2
2011/65/EU



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Mill-Max:

[821-22-002-10-002-101](#) [821-22-004-10-000-101](#) [821-22-009-10-004101](#) [821-22-005-10-004101](#) [823-22-016-10-003101](#) [821-22-003-10-002101](#) [821-22-010-10-002101](#) [821-22-006-10-002101](#) [821-22-022-10-003101](#) [821-22-006-10-000101](#) [823-22-064-10-004101](#) [823-22-006-10-002101](#) [821-22-002-10-003101](#) [823-22-016-10-000101](#) [821-22-006-10-004101](#) [821-22-008-10-002101](#) [823-22-058-10-001101](#) [823-22-016-10-001101](#) [821-22-002-10-000101](#) [823-22-010-10-003101](#) [821-22-010-10-004101](#) [821-22-010-10-000101](#) [821-22-009-10-002101](#) [821-22-003-10-000101](#) [821-22-007-10-000101](#) [821-22-002-10-001101](#) [823-22-012-10-002101](#) [823-22-016-10-002101](#) [823-22-006-10-004101](#) [823-22-004-10-003101](#) [823-22-058-10-002101](#) [823-22-068-10-004101](#) [823-22-020-10-004101](#) [823-22-056-10-004101](#) [823-22-052-10-001101](#) [823-22-018-10-003101](#) [823-22-024-10-001101](#) [823-22-050-10-004101](#) [823-22-034-10-000101](#) [823-22-034-10-001101](#) [823-22-070-10-000101](#) [823-22-014-10-004101](#) [823-22-068-10-003101](#) [823-22-060-10-000101](#) [823-22-048-10-003101](#) [823-22-044-10-004101](#) [823-22-052-10-004101](#) [823-22-058-10-004101](#) [823-22-046-10-002101](#) [823-22-026-10-000101](#) [823-22-048-10-002101](#) [823-22-012-10-001101](#) [823-22-024-10-004101](#) [823-22-004-10-000101](#) [823-22-046-10-004101](#) [823-22-070-10-004101](#) [823-22-024-10-002101](#) [823-22-060-10-004101](#) [823-22-050-10-000101](#) [823-22-046-10-001101](#) [823-22-026-10-002101](#) [823-22-044-10-000101](#) [823-22-008-10-001101](#) [823-22-042-10-002101](#) [823-22-054-10-003101](#) [823-22-020-10-001101](#) [823-22-040-10-000101](#) [823-22-056-10-000101](#) [823-22-008-10-004101](#) [823-22-014-10-003101](#) [823-22-012-10-003101](#) [823-22-022-10-001101](#) [823-22-034-10-004101](#) [823-22-026-10-004101](#) [823-22-028-10-002101](#) [823-22-004-10-002101](#) [823-22-028-10-004101](#) [823-22-068-10-002101](#) [823-22-032-10-003101](#) [823-22-056-10-001101](#) [823-22-038-10-001101](#) [823-22-054-10-004101](#) [823-22-020-10-000101](#) [823-22-070-10-003101](#) [823-22-062-10-004101](#) [823-22-010-10-001101](#) [823-22-010-10-004101](#) [823-22-058-10-000101](#) [823-22-042-10-001101](#) [823-22-018-10-002101](#) [823-22-016-10-004101](#) [823-22-046-10-003101](#) [823-22-032-10-002101](#) [823-22-022-10-003101](#) [823-22-052-10-003101](#) [823-22-048-10-001101](#) [823-22-048-10-004101](#) [823-22-018-10-000101](#) [823-22-004-10-004101](#) [823-22-050-10-002101](#)